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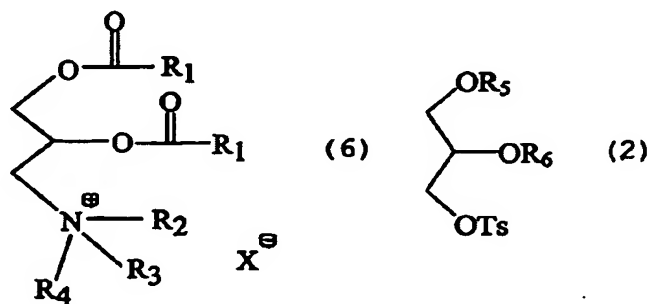
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(54) Title: **PROCESS FOR THE SYNTHESIS OF CATIONIC LIPIDS**



(57) **Abstract:** A process for the synthesis of  
lipid cations having general formula (6) in which:  
 $R_1$  represents a lipophilic chain;  $R_2$ ,  $R_3$ ,  $R_4$ ,  
which are identical or different from one another,  
represent  $C_1$ - $C_{10}$  alkyl,  $C_1$ - $C_{10}$  alkenyl, or  $C_1$ - $C_{10}$   
alkynyl radicals, optionally containing hydroxyl,  
ether, halogen and acyloxy functions, and  $X^-$  is an  
oxy-anion or a halide; in which a compound of  
formula (2) in which  $R_5$  and  $R_6$ , which are identical  
or different from one another, represent a  $C_1$ - $C_3$   
acyl, a benzyl group or a diolprotective group, is  
reacted in an alcoholic solvent with from 1 to 6  
equivalents of  $NR_2R_3R_4$ .